

Characteristics:

High power DC motor

**Specifications:**

Dimensions (in)	: Ø 1.4 X 2.2 in
Shaft Diameter (in)	: Ø 0.125 in
Input Voltage (V)	: 24. V AC
No Load Speed (rpm)	: 7113 rpm
No Load Current (A)	: 0.14 A
Nominal Speed (rpm)	: 5500 rpm
Nominal Torque (lb.in)	: 0.53 lb.in
Nominal Current (A)	: 2.40 A
Stall Torque (lb.in)	: 2.26 lb.in
Stall Current (A)	: 8.01 A
Maximum Output Power (hp)	: 0.06 hp
Maximum Efficiency (%)	: 77%
Torque (lb.in) - Max Eff	: 0.27 lb.in
Speed (rpm) - Max Eff	: 6271 rpm
Life (Typical)	: 165 hr
Weight (oz)	: 7.58 oz
Operating Temperature Range (°F)	: 32 to 104 °F
Storage Temperature Range (°F)	: 14 to 122 °F
Electrical Connection	: Connectors

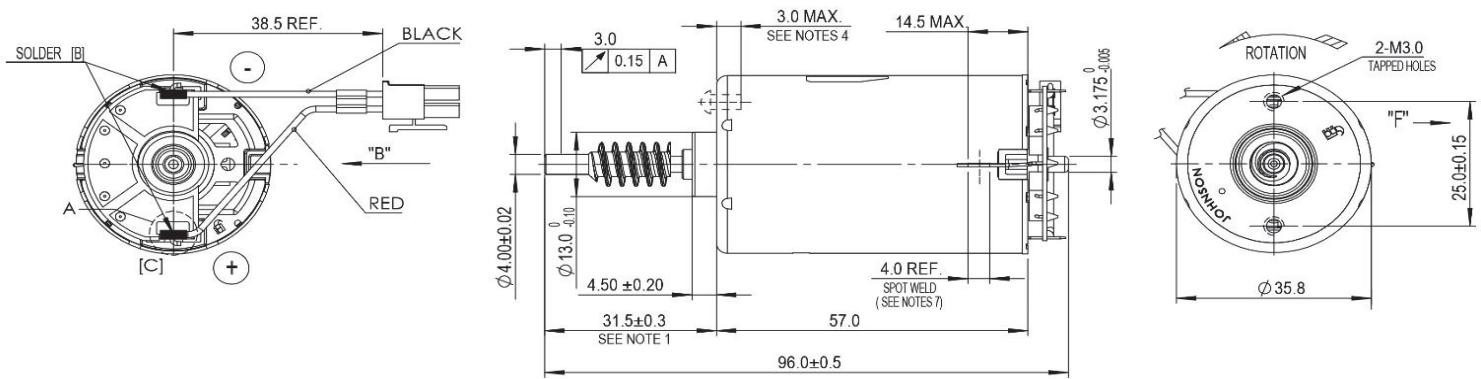
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.14	8.01	1.08	4.08
Efficiency (%)	-	-	76.82	47.00
Output Power (hp)	-	-	0.03	0.06
Speed (rpm)	7113.00	-	6271.00	3556.00
Torque (lb.in)	-	2.26	0.27	1.13

Application Examples:

Actuators

Drawing:



Performance Curves:

